Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 11 Jun 2023 until 23:59 on Monday 12 Jun 2023

Forecast Issued on Sunday 11 Jun 2023 at 03:16

Confidence: High for the unsettled trend, with scattered showers and isolated thunderstorms, but low for the timing and distribution of these.

Headline for Sunday 11 Jun 2023: Fine and dry in the morning but some thundery showers breaking out in the afternoon. Very warm.

Mountain weather hazards on Sunday 11 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Thundery showers	Thundery showers	Partly cloudy (night)
Precipitation probability					
10%	20%	20%	40%	40%	20%

Forecast for Sunday 11 Jun 2023

Weather: A fine and dry morning with variable amounts of mid-level cloud above the hilltops. Feeling warm or very warm lower down, but cooler at height. Some scattered heavy, thundery showers may develop, mainly during the afternoon, although some early lighter showers are possible. These showers are more likely to be focussed in the west although more isolated showers are still possible in the east. They could be torrential, with hail and strong winds as additional hazards. Showers will be slow moving, before dying out during the evening.

Chance of cloud-free hill tops above 600m: Generally greater than 95%.

Low cloud and visibility: Good through most of the day, with views of distant hills, but poor in any heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 11 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/17 E	8/10 E	7/10 NE	7/11 E	8/11 S	6/8 SE	9/13 E
300	8/9 NE	5/6 E	7/11 NW	6/9 E	7/11 S	4/7 N	5/9 NE
Valley	7/12 E	3/5 SE	5/9 N	4/8 E	5/10 SE	3/6 NE	5/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/16	18/17	21/20	22/21	21/20	18/18	17/16
300	18/16	20/20	23/22	24/24	22/22	19/19	18/18
Valley	18/17	21/22	24/24	26/26	22/22	19/20	18/18
Freezing Level*	2900m	2900m	3100m	3000m	3200m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Warm or very warm, with very high UV levels and high humidity, so sun protection and extra water highly recommended. A risk of heavy thundery showers, leading to slippery ground, swollen watercourses and possible flash flooding.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 11 Jun 2023	0mm	0mm	0mm

Forecast for Monday 12 Jun 2023

Weather: Remaining very warm with early mist and patchy low cloud in some valleys, followed by large amounts of sunshine. Further showers developing in the afternoon, heavy and slow-moving with a risk of thunder and hail in places.

Maximum wind: Easterly or northeasterly 12-15 mph with gusts 20-25 mph but considerably more under any heavy showers.

Chance of cloud-free hill tops above 600m: Generally greater than 90%.

Low cloud and visibility: Good through most of the day, with views of distant hills, but poor in any heavier showers in the late afternoon / early evening.

Temperature: **Valleys:** Plus 16 becoming plus 29 Celsius.
At 600m: Plus 16 becoming plus 21 Celsius.
Freezing level: Well above peaks.

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